

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-45

WASTE DISCHARGE REQUIREMENTS
FOR
EAST BAY MUNICIPAL UTILITY DISTRICT
WALNUT CREEK FILTER PLANT

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. East Bay Municipal Utility District, called the discharger below, is discharging the following waste into Grayson Creek at a point about one-half mile southwest of the intersection of Larkey Lane and San Luis Road in Walnut Creek:
 - 1. Two hundred forty thousand (240,000) gallons per day of waste, consisting of filter backwash water from facilities with a design capacity of 1,000,000 gallons per day.
 - 2. Waste is discharged from a surge basin.
- B. The beneficial uses of the waters of Grayson Creek are:
 - 1. Drainage
 - 2. Esthetic enjoyment
- C. Land within the vicinity of the discharge is used for residence.
- D. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
- E. The Board at a public meeting on June 24, 1971 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the East Bay Municipal Utility District shall comply with the following:

- A. Waste Discharge Requirements
 - 1. The disposal of wastes shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
 - 2. The discharge shall not cause:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place;

- b. Alteration of apparent color beyond present natural background levels in waters of the State at any place;
- c. Bottom deposits at any place;
- d. Aquatic growths at any place;
- e. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
- f. Waters of the State to exceed the following limits of quality at any point:

Dissolved Oxygen 2.0 mg/l, minimum

Dissolved Sulfide 0.1 mg/l, maximum;

- g. The turbidity of the waters of the State at any point to increase above background levels by more than the following:

<u>Receiving Water Background</u>	<u>Incremental Increase</u>
<50 Units	5 Units, maximum
50-100 Units	10 Units, maximum
>100 Units	10% of Background, maximum.

3. The waste as discharged to waters of the State shall meet the following quality limits at all times:

Settleable Matter 1.0 ml/l/hr., maximum.

4. During periods of zero flow in Grayson Creek, the turbidity of the waste as discharged shall not exceed 50 units, maximum.
5. The mean daily discharge of waste for any seven consecutive days shall not exceed 1,000,000 gallons per day.

B. Provisions

1. This order includes items numbered 1, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.
2. This order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 1970.
3. East Bay Municipal Utility District shall comply with the following time schedule and reporting program to assure compliance with the waste discharge requirements of this order:

<u>TASK</u>	<u>COMPLETION DATE</u>	<u>STATUS REPORT DUE</u>
Begin Design	May 1, 1972	May 16, 1972
Complete Preliminary Design	August 1, 1972	August 16, 1972
Complete Final Design	April 13, 1973	May 1, 1973
Authorization of Funding	May 8, 1973	May 15, 1973
Commence Construction	August 7, 1973	August 21, 1973
Complete Construction	September 1, 1974	September 15, 1974
Compliance with Requirements	November 1, 1974	November 15, 1974

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 24, 1971.

Executive Officer